

AMENDMENTS TO THE CLAIMS

Please amend claims 1, 13, 17 and 18 as follows.

1. (Currently Amended) A gas supplying apparatus in a fuel cell, wherein the fuel cell is supplied a supply gas and discharges the supply gas as exhaust gas, the gas supplying apparatus comprising:

a compressor which sucks the exhaust gas from downstream of said fuel cell, and which compresses the exhaust gas, which is generated from said supply gas by power generation in the fuel cell, and

a heat exchanger, into which the supply gas having a pressure lower than atmospheric pressure and the exhaust gas having a pressure higher than said supply gas are introduced to perform ~~which performs~~ heat exchange between said supply gas and said exhaust gas, after the exhaust gas has been compressed and heated by said compressor.

2. (Original) The gas-supplying apparatus in a fuel cell as claimed in Claim 1, further possessing a controller, which controls the pressure of the exhaust gas to be incorporated into the heat exchanger.

3. (Original) The gas-supplying apparatus in a fuel cell as claimed in Claim 2, wherein said controller is controlled depending upon the temperature of the supply gas.

4. (Original) The gas-supplying apparatus in a fuel cell as claimed in Claim 3, wherein said controller is controlled in such a manner that the temperature of the supply gas becomes a demand temperature.

5. (Original) The gas-supplying apparatus in a fuel cell as claimed in Claim 4, wherein the pressure of the exhaust gas to be introduced into the heat exchanger is controlled through the controller so as to be increased when the temperature of the supply gas is lower than the demand temperature.

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